

In The Claims

1. (Canceled)

2. (Currently Amended) The robot according to claim ~~[[25]]~~6, wherein adjacent members are linked in form-fitting manner to each other.

3. (Currently Amended) The robot according to claim ~~[[25]]~~6, wherein at least two adjacent members are linked to each other by a ball joint.

4. (Canceled)

5. (Canceled)

6. (Currently Amended) A robot having a conductor guiding apparatus for guiding flexible members, the conductor guiding apparatus comprising:

a plurality of members, each member having a central body and defining a conductor channel;

a flexible linking element extending through the central body of the members to join the members together for movement relative to one another;

a spatial deflection limiting, wherein the spatial deflection limiting mechanism comprises

at least one stop connected to a first member and at least one counterstop

connected to a second member disposed adjacent to the first member; and

~~The robot according to claim 5,~~ wherein at least one stop is formed by a projection directed radially outwards, said projection engaging in a recess on an adjacent member to limit spatial deflection.

7. (Previously Presented) The robot according to claim 6, wherein at least one projection is formed on a joint body and the recess is formed in a joint socket.

8. (Previously Presented) The robot according to claim 6 wherein the stop comprises at least two projections joined to a member and arranged substantially equidistant from each other.

9. (Currently Amended) The robot according to one of the claim ~~[[25]]~~6, wherein the central body comprises at least one web linked to a wall, whereby the wall and the central body define the channel.

10. (Previously Presented) The robot according to claim 9, wherein the has at least one gap extending in the longitudinal direction of the central body.

11. (Previously Presented) The robot according to claim 9 wherein sections of the walls of two adjacent members overlap each other.

12. (Currently Amended) The robot according to claim ~~[[25]]~~6 and further comprising holders attaching the conductor guiding apparatus to the robot.

13. (Previously Presented) The robot according to claim 12, wherein the holders are clamps that are shaped for securing the wall of a member.

14. (Previously Presented) The robot according to claim 12 wherein the holder is linked to a member in a form-fitting manner.

15. (Currently Amended) A robot having a conductor guiding apparatus for guiding flexible members, the conductor guiding apparatus comprising:

a plurality of members, each member having a central body and defining a conductor channel;

a flexible linking element extending through the central body of the members to join the members together for movement relative to one another;

~~The robot according to of claim 25, and further comprising an~~ apparatus for guiding and storing the conductor guiding apparatus in the robot, wherein the apparatus has a guiding region formed in a first plane and a storage region formed in a second plane, and the second plane is formed separately from the first plane.

16. (Previously Presented) The robot according to claim 15, wherein the guiding region lies in a substantially horizontal plane.

17. (Previously Presented) The robot according to claim 15 wherein the first and second planes lie at an angle of up to 90° to each other.

18. (Previously Presented) The robot according to claim 15 wherein the storage region lies in a substantially vertical plane.

19. (Previously Presented) The robot according to claim 15 wherein the guiding region defines a channel.

20. (Previously Presented) The robot according to claim 15 wherein the guiding region is arc-shaped.

21. (Previously Presented) The robot according to claim 15 wherein the storage region receives the conductor guiding apparatus to define an upper strand and a lower strand in the storage region.

22. (Previously Presented) The robot according to claim 15 wherein the guiding region and the storage region are detachably linked to each other.

23. (Previously Presented) The robot according to claim 15 wherein the guiding region and the storage region, a transition region.

24. (Previously Presented) The robot according to claim 15 wherein the guiding region, the storage region or the transition region are at least partially formed as molded parts.

25. (Canceled)